

C&DH

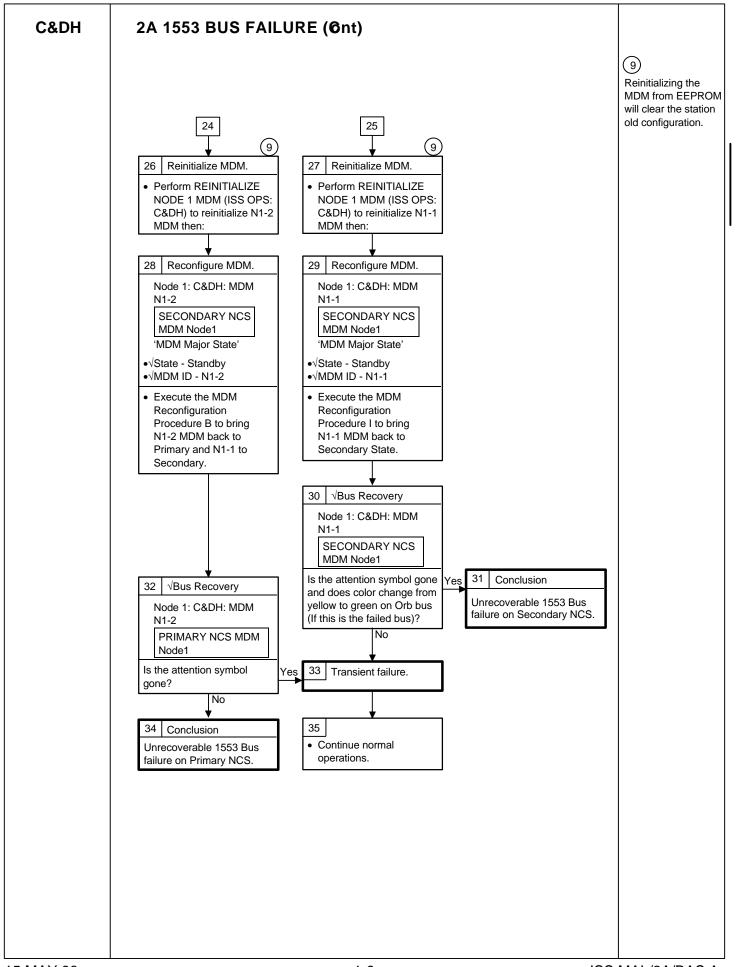
(7)

Reinitializing the MDM will affect the operation of the entire MDM which will affect all other subsystems. Make sure that all other disciplines agree with the execution of this step. PCS connected to N1-1 is required.



Resetting the SPD 1553 Card will not reestablish I/O on the buses. So, resetting the SPD Card and reinitializing the MDM is actually one single action in the attempt to recover the bus failure.

X = 0 for SPD 0. X = 1 for SPD 1.



(10)36 37 •√MCC •√MCC OK to enable the channel OK to enable the channel switch over on this bus? switch over on this bus? 6 **Enable Channel Enable Channel** Switchover. Switchover. 'Bus Status' 'Bus Status' sel Commands • sel Commands • cmd Bus_XX_Ch_Sw_ cmd Bus_XX_Ch_Sw_ Inib_Stat Execute Inib_Stat Execute **Bus Status** Bus Status •√Ch_Sw_Inhit_Stat - blank •√Ch_Sw_Inhit_Stat - blank (Ena) (Ena) (11)Enable RTs on the Enable RTs on the Bus. 'Bus Status' 'Bus Status' sel RT Status sel RT Status •√RT Enabled - All blanks •√RT Enabled - All blanks • sel Ena_RT_Commnads • seL Ena_RT_Commnads • cmd Bus_XX_Ena_ • cmd Bus_XX_Ena_ XX_RT Execute XX_RT Execute • Enable all active RTs. • Enable all active RTs. •√RT Enabled - Xs on all •√RT Enabled - Xs on all active RTs active RTs 42

2A 1553 BUS FAILURE (6nt)

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(10)

The Auto switchover must has been inhibited for a reason. It is necessary to make sure that there are no critical functions being performed on the other channel that may be hazardous if enabled.

(11)

Before the bus is declared fail, every single RT on the bus has to fail. The RTs on the failed bus are disabled prior to setting the bus failure flag bit. The RTs will have to be re-enabled to be able to see if the bus works on the other channel. Use the RT # to RT Ops Names Matrix to enable the active RTs on this bus.

